Site Name	:				*AA	Name (if >	•1 AAs): _					
lassificatio	<u>on</u> (EIA I	Manual p	g. 28) *	Manı	ual Version	#:						
cological Sys	tem (S I	Rank):										
NVC Plant A	ssociati	on (G/S R	ank):									
NVC Group (	G/S Rar	nk):										
*Observer(s	e).				*Date		Co	untv.				
VegPlot(s):_												
EO ID:												
Assessment P		1	2	3		5	6	7	8	9	10	
*Spatial Coor	dinates	-		3	7	3		,			10	
*Sampling	ı	/gon AA (< 5	0 ha / 125 ac	; site	☐ Polygon	AA (< 50 ha / 1	L25 ac; syste	matic	Other:			
Strategy:	wal	kthrough)			relevés)  Combined Point/Polygon AA (> 50 ha / 125 ac)							
*Plot	□ Rele				☐ Site-Wall		5117 U. ( ) 30	114 / 123 46/	Plot Size / Dimensions:			
Туре:		nsect			☐ Other:							
*AA size (ad	:/ha):				*AA Descr	iption (see	field form ¡	og. 11 for a	dditional spa	ace):		

Environmental (pg.	30) Soi	l Type:								
*Topographic Posit	i <b>on</b> : *1=Int	terfluve (cres	it, summit, ri	idge),2= High	slope (shoul	der, upper),	3=Midslope,	4=Low slope	(lower, collu	uvial
foot), 5=Toeslope (alluvial	foot/toe), 6	=High level (ı	mesa/platea	u), 7=Step in	slope (ledge	; bench), 8=L				
(sloping side of channel), 1  Assessment Pt. / Sub- AA	1	2	3	L=Basin floor (	(depression) 5	6 6	7	8	9	10
Slope (deg/%)										
Aspect (downslope)										
Topographic Position*										
Natural Disturbance Anthropogenic Dist										
Geology Comments  Environmental Com										
EIA Module:										
*Species Cover ( Cover (midpt): Trace (0.25 Strata Codes: C (tree cand	<b>5)</b> , 0-1% ( <b>0.5</b>									

Species	Stratum			Plots	Cov Assess/	er Clas ment P	s Midpo oints/S	oint ub-AAs	1-10			Avg.	Exo / Inv	Diag	Incr Dec
Species	Code	1	2	3	4	5	6	7	8	9	10	Cov.	(E/I)	(Y)	(1/0

# \*Species Cover (pg. 32)

<u>Cover (midpt)</u>: Trace (**0.25**), 0-1% (**0.5**), 1-2% (**1.5**), 2-5% (**3.5**), 5-10% (**7.5**), 10-25% (**17.5**), 25-50% (**37.5**), 50-75% (**62.5**), 75-95% (**85**), >95% (**97.5**); <u>Strata Codes</u>: C (tree canopy); **SC** (tree subcanopy > 5m); **SH** (shrub or tree 0.5 to 5m); **H** (herb or shrub < 0.5m); **G** (moss/lichen on soil surface)

Species	Stratum			Plots	Cov /Assess	er Clas	s Midpoints/S	oint Sub-AA	s 1-10			Avg.	Exo / Inv	Diag	Incr / Decr
Species	Code	1	2	3	4	5	6	7	8	9	10	Cov.	(E/I)	(Y)	(I/D)
												-			<u> </u>
												-			<del>                                     </del>
															<u> </u>
															·
															<del></del>
															<u> </u>
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# \*Species Cover (pg. 32)

<u>Cover (midpt)</u>: Trace (**0.25**), 0-1% (**0.5**), 1-2% (**1.5**), 2-5% (**3.5**), 5-10% (**7.5**), 10-25% (**17.5**), 25-50% (**37.5**), 50-75% (**62.5**), 75-95% (**85**), >95% (**97.5**); <u>Strata Codes</u>: C (tree canopy); **SC** (tree subcanopy > 5m); **SH** (shrub or tree 0.5 to 5m); **H** (herb or shrub < 0.5m); **G** (moss/lichen on soil surface)

Species	Stratum			Plots	Assess/	ment P	s Midpo oints/S	oint Sub-AAs	s 1-10			Avg.	Exo / Inv	Diag	Incr / Decr
Species	Code	1	2	3	4	5	6	7	8	9	10	Cov.	(E/I)	(Y)	(I/D)
_															
_															
					_		_								

# \*Species Cover (pg. 32)

<u>Cover (midpt)</u>: Trace (**0.25**), 0-1% (**0.5**), 1-2% (**1.5**), 2-5% (**3.5**), 5-10% (**7.5**), 10-25% (**17.5**), 25-50% (**37.5**), 50-75% (**62.5**), 75-95% (**85**), >95% (**97.5**); <u>Strata Codes</u>: C (tree canopy); **SC** (tree subcanopy > 5m); **SH** (shrub or tree 0.5 to 5m); **H** (herb or shrub < 0.5m); **G** (moss/lichen on soil surface)

Species	Stratum			Plots	Cov /Assess	er Clas ment P	s Midpo	oint Sub-AA	s 1-10			Avg.	Exo / Inv	Diag	Incr / Decr
Species	Code	1	2	3	4	5	6	7	8	9	10	Cov.	(E/I)	(Y)	(I/D)

### **Landscape Context**

LAN1 Contiguous Natural Land Cover (pg. 36)

Metric Rating	Percent Contiguous NLC (0 - 500 m)	Comments
EXCELLENT (A)		
GOOD (B)		
FAIR (C)		
POOR (D)		

#### LAN2 Land Use Index (pg. 39; use table below to calculate score, then check rank)

Workshe	eet : Land Use Categories		Weight	% Area (0 to 1.0)	Score
Paved roads / parking lots			0		
Domestic, commercial, or publicly de	eveloped buildings and facilities (non-	vegetated)	0		
Gravel pit / quarry / open pit / strip r	mining		0		
Unpaved roads (e.g., driveway, tracto	or trail, 4-wheel drive, logging roads)		1		
Agriculture: tilled crop production			2		
Intensively developed vegetation (go	olf courses, lawns, etc.)		2		
Vegetation conversion (chaining, cab	oling, roto-chopping, clearcut)		3		
Agriculture: permanent crop (vineya	rd, orchard, nursery, hayed pasture, e	tc.)	4		
Intense recreation (ATV use / campir	ng / popular fishing spot, etc.)		4		
Military training areas (armor, mecha	anized)		4		
Heavy grazing by livestock on pasture	es or native rangeland		4		
Heavy logging or tree removal (50-75	5% of trees >30 cm DBH removed)		5		
Commercial tree plantations / holida	y tree farms		5		
Recent old fields and other disturbed	fallow lands dominated by ruderal a	nd exotic species	5		
Dam sites and flood disturbed shorel	lines around water storage reservoirs	and boating	5		
Moderate grazing of native grassland	d		6		
Moderate recreation (high-use trail)			7		
Mature old fields and other fallow la	nds with natural composition		7		
Selective logging or tree removal (<5	0% of trees >30 cm DBH removed)		8		
Light grazing or haying of native rang	geland		9		
Light recreation (low-use trail)			9		
Natural area / land managed for nati	ve vegetation		10		
				Land Use Index	
□ EXCELLENT (A)	□ GOOD (B)	☐ FAIR (C)		□ POOR (D)	
Avg. LU score = 9.5 – 10	Avg. LU score = 8.0 – 9.4		re = 4.0 – 7.9	Avg. LU score	= < 4.0
	ED	GE			

### **EDG1 Perimeter with Natural Edge** (pg. 43)

☐ EXCELLENT (A) 100%	4 pts	☐ GOOD	(B) 75-99% 3	B pts	☐ FAIR (C	C) 25-75% 2 p	ots	☐ POOR (	(D) <25% 1 p	t
Assessment Pt. / Sub- AA	1	2	3	4	5	6	7	8	9	10
Metric Rating										
Comments:										

# EDG2 Width of Natural Edge (pg. 45)

☐ EXCELLENT (A) 4 pts;	≥ 100m	GOOD	(B) 3 pts; 75-	99m	☐ FAIR (C	) 2 pts; 25-7!	5m	□ POOR (	D) 1 pt; <25	m
Assessment Pt. / Sub-	1	2	3	4	5	6	7	8	9	10
Metric Rating										
Average Width										
Carranta										

Comments:

Assessment Pt. / Sub-AA Metric Rating Comments:	1	☐ GOO	OD (B) 3 pts	4	1	FAIR (C) 2	pts 6	7	☐ P(	OOR (E	0) 1 pt 9	10
AA Metric Rating	1	2	3	4	1	5	6	7	8		9	10
Metric Rating												
-			I									
				\/-	4-4:-							
					getatio							
(score at each sample p												ll-up of
sub-AA scores												
*VEG1 Native Plant												:/sub-AA;
Use stratum with lowest												
☐ EXCELLENT (A) 4 pts; >99%			OD (A-) 3.5 95-99%	│ □ G	OOD (B) 3 p 94%	ts; 85-	☐ FA	IR (C) 2 pts; 6 84%	50-		]) POOR [[ 60>	
Assessment Pt. /	_	-		_								
Sub-AA	1	2	3	4	5	6	7	8		9	10	Avg
Trees Native												
Nonnative												
Total Cover												
VEG1a. Native Tree												
Relative Cover												
Shrub/Herb Native												
Nonnative												
Total Cover												
VEG1b. Native												
Shrub/Herb Relative Cover												
Metric Rating												
Comments:	l .	<u> </u>									ı	

_	Γ (A) 4 pts; 1%	☐ GO	OOD (B) 3 pts; 1-4%		FAIR (C) 2 4-10		☐ FAIR	/POOR (C-) 1 10-30%	.5 pts;	POOR (D) 1 >30%	
Assessment	1	2	3	4	5	6	7	8	9	10	Avg
Pt. / Sub-AA Metric											
Comments:											
omments.											
					based on ve			)	_		
] EXCELLENT	Γ (A) 4 pts		☐ GOOD (E	3) 3 pts		FAIR (C)	2 pts		POOR	(D) 1 pt	•
Assessment	1	2	3	4	5	6	7	8	9	10	Av
Pt. / Sub-AA ubmetrics:											
a Diagnostic											
pecies											
b Species											
liversity			-								
liversity Bc Native											
liversity Bc Native ncreasers											
liversity Ic Native Increasers Id Native											
liversity c Native ncreasers d Native Decreasers											
c Native ocreasers of Native ecreasers											
versity c Native creasers d Native ecreasers											
versity native creasers Native ecreasers ecreasers etric Rating											
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c Native ocreasers of Native ecreasers											
versity c Native creasers d Native ecreasers											
versity c Native creasers d Native ecreasers											

Stand development stage codes: cohort establishment (1); canopy closure (2); biomass accumulation/stem exclusion (3); maturation-eastside (4); maturation 1-westside (5); maturation 2-westside (6); vertical diversification-old growth (7); horizontal diversification-old growth (8); pioneer cohort loss-old growth (9). Assessment Pt. / Sub-1 2 3 7 5 6 8 9 10 AA Stand Development Stage (Van Pelt) ☐ EXCELLENT (A) 4 pts GOOD (B) 3 pts FAIR (C) 2 pts POOR (D) 1 pt Assessment Pt. 1 3 5 6 9 10 Avg / Sub-AA v7 Dry Forests & Woodlands; v8 Mesic / Hypermaritime Forests Submetrics: 7/8a Canopy Structure (age class diversity) 7/8b Old/Large Live Trees **Metric Rating** v9 Shrublands Submetrics: 9a Shrub Cover 9b Tree Encroachment **Metric Rating** v10 Shrub-Steppe; v11 Grasslands / Meadows Submetrics: 10/11a Woody Vegetation Cover 10/11b **Bunchgrass** Cover 10/11c Biological Soil Crust **Metric Rating** v12 Bedrock / Cliffs (no submetrics) **Metric Rating** Comments:

\*VEG4 Vegetation Structure (pg. 55; varies by EIA module; For Forest types, indicate the Stand Development Stage)

A	(A) 4 pts			GOOD (B	) 3 pts	[	☐ FAIR (C)	2 pts		☐ POOF	(D) 1 pt	
Assessment Pt. / Sub-AA	1	2		3	4	5	6	7	8	9	10	Avg
Metric Rating												
Comments:					<u>I</u>	<u> </u>		<u> </u>		1	L	
EG6 Coarse	Woody	Debris	an	d Snags	(pg.65)							
☐ EXCELLENT				GOOD (B		[	FAIR (C)	2 pts		☐ POOF	(D) 1 pt	
Assessment Pt. / Sub-AA	1	2		3	4	5	6	7	8	9	10	Avg
rt. / Jub-AA		V3 Dry	For	ests & W/	nodlands: \	/A Mesic/	<u>.</u> Hypermari	time Fores	ts & Woo	dlands		
Submetrics:			7 01	C313 & VV	Journas,	V + IVICSIC/I	 	little i ores	13 & 1100		1	
V6v3/4a CWD												
Size Diversity												
V6v3/4b.												
CWD Decay												
Class												
Diversity		1										
V6v3/4c. Snag Size												
Diversity												
V6v3/4d.		1										
Snag Decay												
Diversity												
Metric Rating												
		•		,	V5 Shrubla	ınds; Gras	sland / Me	adows	•	•	•	
Submetrics:												
V6v5a. Litter												
Accumulation												
V6v5b. Litter												
Source												
Metric Rating												

					<u>S</u>	oil / Sul	<u>ostrate</u>						
SOI1 Soil C	ondition	<b>v3</b> (pg	. 77										
☐ EXCELLENT (A) 4 pts ☐ GOOD (B) 3 pts							☐ FAIR (C	) 2 pts		☐ POOR (D) 1 pt			
Assessment Pt. / Sub-AA	1	2	•	3	4	5	6	7	8		9	10	Avg
Metric Rating													
Comments:													
						C:-							
			_			<u>Siz</u>	<u>e</u>						
IZ1 Compa		e (Spa											
☐ EXCELLEN	IT (A) 4 pts			GOOD (E	B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
Spatial Pattern	Туре:					Estin	nated Size (ad	:/ha):					
Comments:													
172 Change	in Cina /		-1\	/ 04)									
		option	-										
☐ EXCELLEN	e in Size (	option	-	(pg. 81)	B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN		option	-		B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN		option	-		B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN		option	-		B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN		option	-		B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLENCE	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
EXCELLEN	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	
☐ EXCELLEN Comments:	IT (A) 4 pts				B) 3 pts		☐ FAIR (C	) 2 pts			POOR	(D) 1 pt	

		Roll-up	Calculations				Rati	ng S	core (TABLE 1)	
LAN1. Conti	guous Natural Lar	nd Cover								
LAN2. Land										
EDG1. Perim	neter with Natura									
	h of Natural Edge									
		dge (do not include	in calculation if not	scored)						
	F Score = (((EDGF									
LANDSCAPI	E CONTEXT PRIMA	ARY FACTOR SCOR	<u> </u>	xponent = 9 0.67)+(LAN						
LANDSCAPE CONTEXT PRIMARY FACTOR SCORE = (EDG Score*0.67)+(LAN Score*0.33) (TABLE 2)  Matrix = (EDG Score*0.33)+(LAN Score*0.67)										
			Large-Patch = (E	DG Score*(	).50)+	(LAN Score*0.50)				
			Small-Patch = (E	DG Score*(	).67)+	(LAN Score*0.33)				
VEG1. Nativ	e Plant Species Co	over								
VEG2. Invasi	ive Nonnative Pla	nt Species Cover								
VEG3. Nativ	e Plant Species Co	omposition								
	tation Structure									
	dy Regeneration									
	e Woody Debris									
(FORESTE		e=((0.4*((VEG1+VE								
	•	) VEG MEF Score =	•			<u> </u>				
		Divide by number o	f metrics scored (i.e	. divide by fo	our if \	/EG1-VEG4 scored)]				
SOI1. Soil Co	ondition									
-				> /		MEF Score = SOI1				
		RY FACTOR SCOR	E = (VEG Score*0	.85)+(SOI S	core*					
	CAL INTEGRITY	•				(TABLE 2)				
Matrix		CONDITION SCO								
		= (CONDITION S	CORE*0.7)+(LAN	IDSCAPE (	CONT	EXT SCORE*0.3)				
SIZ1. Compa										
SIZ2. Change	e in Size (optional	)								
			SIZ MEF Score =	SIZ1 OR (SI						
						Points (TABLE 3)				
ELEME	NT OCCURREN	ICE RANK (EOR	ANK) = EIA Sco	re + SIZE	Poin	ts (TABLE 2)				
		Та	ble 1. Metric Ran	k / Score Co	onver	sions				
Rank	A	A-	В	ВС		С	C-		D	
Score	4	3.5	3	2.5		2	1.5	5	1	
		Table 2. Score / Ra		1	and		ons			
Rank	A+	A-	B+	B-		C+		C-	D	
Score	3.8 - 4.00	3.5 - 3.79	3.0 - 3.49	2.5 - 2.9		2.0 - 2.49		5 - 1.99	1 - 1.49	
	Table 3. Point	t Contribution of S	Size Primary Facto	r Score (Av	erage	the two values f	or range	ranks)		
Size Primary	Factor Rating		Very Small/Sm	all Patch		Large Patch		r	<b>V</b> latrix	
A = Size mee	ts A ranked rating	8	+ 0.75			+ 1.0			+1.5	
B = Size mee	ts B ranked rating	<u> </u>	+ 0.25			+ 0.33			+0.5	
C = Size meets C ranked rating - 0.25 - 0.33								-0.5		

Size Primary Factor Rating	Very Small/Small Patch	Large Patch	Matrix
A = Size meets A ranked rating	+ 0.75	+ 1.0	+1.5
B = Size meets B ranked rating	+ 0.25	+ 0.33	+0.5
C = Size meets C ranked rating	- 0.25	- 0.33	-0.5
D = Size meets D ranked rating	- 0.75	-1.0	-1.5

#### **Determine Whether AA Meets EO Criteria**

EO RANK	Global Rank State Rank	G1S1, G2S1, GNRS1, GUS1	G2S2, GNRS2, G3S1, G3S2, GUS2	GUS3, GNRS3, G3S3, G4S1, G4S2, G5S1, G5S2, any SNR	G4S3, G4S4, G5S3, G5S4, G5S5, GNRS4, GNRS5, GUS4, GUS5		
A+ (3.8	to 4.0)	EO	EO	EO	EO		
A- (3.5	to 3.79)	EO	EO	EO	EO		
B+ (3.0	to 3.49)	EO	EO	EO			
B- (2.5	to 2.99)	EO	EO	EO			
C+ (2.0	to 2.49)	EO	EO		Not Element Occurrence		
C- (1.5	to 1.99)	EO	Not Flore ant Occurrence	Not Element Occurrence			
D (1.0 t	to 1.49)	EO	Not Element Occurrence				

GENERAL NOTES:	
	13